## **EAST Search History**

## EAST Search History (Prior Art)

| Ref #      | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|---|---|---------------------|---------|---------------------|
| L5         | 295  | 101/31.ocls.  | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2010/08/11<br>17:26 |
| L6         | 141  | 101/29.ocls.  | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2010/08/11<br>17:26 |
| L7         | 537  | 101/27.ccls.  | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2010/08/11<br>17:26 |
| L8         | 758  | 101/28.ccls.  | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2010/08/11<br>17:26 |
| L9         | 1311 | 101/32.ocls.  | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2010/08/11<br>17:26 |
| L10        | 2828 | L9 L8 L7 L6 L5  | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2010/08/11<br>17:26 |
| L12        | 5    | L10 and @pd>="20091215"   | USPAT   | OR                  | ON      | 2010/08/11<br>17:28 |
| L13        | 4    | Heckenthaler-Roland.in.<br>Holzapfel-Walter.in. Buhr-<br>Harald-De.in.                        | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2010/08/11<br>17:29 |
| S1         | 1    | "20060266795".pn.   | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2008/03/26<br>16:45 |
| 82         | 4    | ("3817172"   "4409063"  <br>"5318660"   "5888623").PN.  | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2008/03/26<br>16:45 |
| 83         | 1    | "4893555".pn.   | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2008/03/26<br>17:43 |
| S4         | 1    | "4906316".pn.   | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2008/03/26<br>17:48 |
| <b>S</b> 5 | 2    | de-10148975-\$.did.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/03/26<br>17:50 |
| <b>S</b> 6 | 9    | ("2887051"   "3608480"  <br>"3816207"   "3960257"  <br>"4502381").PN. OR<br>("4893555").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR                  | ON      | 2008/03/27<br>16:18 |

| S7   | 39                                      | ("2700629"   "3215575"  <br>"3584574"   "3688695"  <br>"4028118"   "4207365"  <br>"4334471"   "4354851"  | US-PGPUB;<br>USPAT; USOCR | OR                                      | ON                                      | 2008/03/27<br>16:33 |
|------|---|--|---------------------------|---|---|---------------------|
|      | *************************************** | "4502381"   "4758952"  <br>"4893555"   "4973374"  <br>"5142975"   "5152861"  <br>"5244529"   "5247314"  <br>"5248363"   "5379056"  <br>"5464729"   "5527407"           |                           |   | *************************************** |                     |
|      | *************************************** | "555813" "5576264"   "5589121"   "5594484"   "5598202"   "5642141"   "5643387"   "5677043"   "5725935"   "5935692"   "61356544"   "615130"),FN.   OR ("6578476").URPN. |                           | *************************************** | *************************************** |                     |
| S8   | 12                                      | ("0477627"   "2032767"  <br>"2669642"   "3133846"  <br>"3613570").PN. OR<br>("3817172").URPN.  | US-PGPUB;<br>USPAT; USOOR | OR                                      | ON                                      | 2008/03/27<br>16:41 |
| S9   | 89682                                   | "101"/\$.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR                                      | ON                                      | 2008/03/27<br>17:16 |
| S10  | 9876                                    | pyrometer  | US-PGPUB;<br>USPAT; USOCR | OR                                      | ON                                      | 2008/03/27<br>17:16 |
| S11  | 21                                      | S9 and S10   | US-PGPUB;<br>USPAT; USOCR | OR                                      | ON                                      | 2008/03/27<br>17:16 |
| S12  | 1                                       | ("2763893").URPN.  | USPAT                     | OR                                      | ON                                      | 2008/03/27<br>17:25 |
| S13  | 169792                                  | (ir infrared) with (heater lamp light source)  | US-PGPUB;<br>USPAT; USOCR | OR                                      | ON                                      | 2008/03/27<br>17:26 |
| S14  | 201                                     | S10 with S13   | US-PGPUB;<br>USPAT; USOCR | OR                                      | ON                                      | 2008/03/27<br>17:27 |
| S15  | 292                                     | 101/31.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR                                      | ON                                      | 2008/03/27<br>17:41 |
| S16  | 531                                     | 101/27.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR                                      | ON                                      | 2008/03/27<br>17:41 |
| S17  | 739                                     | 101/28.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR                                      | ON                                      | 2008/03/27<br>17:41 |
| S18  | 1269                                    | 101/32.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR                                      | ON                                      | 2008/03/27<br>17:41 |
| S19  | 24                                      | (S15 S16 S17 S18) and S13  | US-PGPUB;<br>USPAT; USOCR | OR                                      | ON                                      | 2008/03/27<br>17:41 |
| \$20 | 3077                                    | "cartridge heater"   | US-PGPUB;<br>USPAT; USOCR | OR                                      | ON                                      | 2008/03/27<br>17:52 |
| S21  | 1113259                                 | (ir infrared)  | US-PGPUB;<br>USPAT; USOCR | OR                                      | ON                                      | 2008/03/27<br>17:52 |
| \$22 | 2                                       | (S20 same S21) and S9  | US-PGPUB;<br>USPAT; USOCR | OR                                      | ON                                      | 2008/03/27<br>17:52 |
| S23  | 117                                     | (S20 same S21)   | US-PGPUB;<br>USPAT; USOCR | OR                                      | ON                                      | 2008/03/27<br>17:53 |

| S24         | 240     | (S15 S16 S17 S18) and S21  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/27<br>17:54 |
|-------------|---------|--|---------------------------|----|----|---------------------|
| \$25        | 292     | 101/31.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/28<br>09:56 |
| S26         | 139     | 101/29.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/28<br>10:04 |
| S27         | 131     | S26 not S25  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/28<br>10:09 |
| S28         | 531     | 101/27.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/28<br>10:15 |
| S29         | 500     | S28 not (S26 S25)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/28<br>10:15 |
| <b>S3</b> 0 | 739     | 101/28.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/28<br>10:26 |
| S31         | 729     | S30 not (S28 S26 S25)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/28<br>10:26 |
| S32         | 8174    | 101/3.1-32.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/28<br>10:26 |
| <b>S3</b> 3 | 396067  | "infra-red" "infra red"<br>infrared                                    | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/28<br>10:29 |
| S34         | 63      | S33 and S32  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/28<br>10:30 |
| S35         | 9876    | pyrometer  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/28<br>10:37 |
| S36         | 2       | S35 and S32  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/28<br>10:37 |
| S37         | 53202   | S33 near3 (detect detector sensor sensing detecting)                   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/28<br>10:41 |
| S38         | 4       | S37 and S32  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/28<br>10:42 |
| <b>S3</b> 9 | 1269    | 101/32.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/28<br>12:21 |
| S40         | 1117    | S39 not (S30 S28 S26 S25)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/28<br>12:21 |
| S41         | 4       | Heckenthaler-Roland.in.<br>Holzapfel-Walter.in. Buhr-<br>Harald-De.in. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/28<br>12:22 |
| S42         | 2825057 | temp temperature   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/11/19<br>09:58 |

| S43         | 16   | (US-20060266795-\$), did. or<br>(US-5886623-\$ or US-<br>5318660-\$ or US-4409063-\$<br>or US-3817172-\$ or US-<br>489355-\$ or US-4906316-\$<br>or US-6578476-\$ or US-<br>3816207-\$ or US-6151130-\$<br>or US-7112763-\$ or US-<br>6647012-\$ or US-6263790-\$<br>or US-4189390-\$ or US-<br>3791290-\$), did. or (US-<br>2763893-\$), did. or (DE-<br>10148975-A-\$), did. | US-PCPUB;<br>USPAT; USOCR;<br>DERWENT | OR | ÓN | 2008/11/19<br>09:58 |
|-------------|------|--|---------------------------------------|----|----|---------------------|
| S44         | 14   | S42 and S43  | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2008/11/19<br>09:58 |
| S45         | 294  | 101/31.ccls.   | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2008/11/19<br>10:39 |
| S46         | 139  | 101/29.ccls.   | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2008/11/19<br>10:39 |
| S47         | 533  | 101/27.ccls.   | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2008/11/19<br>10:39 |
| S48         | 741  | 101/28.ccls.   | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2008/11/19<br>10:39 |
| S49         | 1285 | 101/32.ccls.   | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2008/11/19<br>10:39 |
| <b>S</b> 50 | 2785 | S49 S48 S47 S46 S45  | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2008/11/19<br>10:39 |
| S51         | 442  | S50 and S42  | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2008/11/19<br>10:39 |
| S52         | 9    | ("2887051"   "3608480"  <br>"3816207"   "3960257"  <br>"4502381").PN. OR<br>("4893555").URPN.  | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2008/11/19<br>10:58 |
| S53         | 6    | S42 and S52  | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2008/11/19<br>10:58 |
| S54         | 2    | ("2887051").URPN.  | USPAT                                 | OR | ON | 2008/11/19<br>11:06 |
| S55         | 3    | S50 and @pd>="20080328"  | USPAT                                 | OR | ON | 2008/11/19<br>12:36 |
| S56         | 295  | 101/31.ccls.   | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2009/05/29<br>12:40 |
| S57         | 140  | 101/29.ccls.   | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2009/05/29<br>12:40 |
| S58         | 535  | 101/27.ccls.   | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2009/05/29<br>12:40 |
| S59         | 746  | 101/28.ccls.   | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2009/05/29<br>12:40 |
| S60         | 1296 | 101/32.cds.  | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2009/05/29<br>12:40 |
| S61         | 2802 | S60 S59 S58 S57 S56  | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2009/05/29<br>12:40 |

| S62 | 7       | S61 and @pd>="20081119"  | USPAT                     | OR | ON | 2009/05/29<br>12:40 |
|-----|---------|--|---------------------------|----|----|---------------------|
| S63 | 4906    | 101/35-44.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/29<br>15:45 |
| S64 | 8239    | 101/3.1-32.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/29<br>15:46 |
| S65 | 249348  | foil   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/29<br>15:46 |
| S66 | 115     | S63 and S65  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/29<br>15:46 |
| S67 | 419     | S64 and S65  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/29<br>15:46 |
| S68 | 4       | Heckenthaler-Roland.in.<br>Holzapfel-Walter.in. Buhr-<br>Harald-De.in. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/29<br>15:50 |
| S69 | 1       | "6578476".pn.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/29<br>15:53 |
| S70 | 3253372 | temperature heating heated   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/29<br>16:14 |
| S71 | 632     | S63 and S70  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/29<br>16:14 |
| S72 | 2158223 | sensor sensed sensing detect detector detecting                        | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/29<br>16:15 |
| S73 | 173     | S71 and S72  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/29<br>16:15 |
| S74 | 7590710 | type kind material color<br>characteristic                             | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>09:47 |
| S75 | 4906    | 101/35-44.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>09:48 |
| S76 | 7590710 | type kind material color characteristic                                | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>09:49 |
| S77 | 4906    | 101/35-44.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>09:49 |
| S78 | 2158223 | sensor sensed sensing detect detector detecting                        | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>09:49 |
| S79 | 104     | S77 and (S76 near5 S78)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>09:49 |
| S80 | 295     | 101/31.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>10:41 |
| S81 | 140     | 101/29.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>10:41 |
| S82 | 535     | 101/27.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>10:41 |
| S83 | 746     | 101/28.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>10:41 |
| S84 | 1296    | 101/32.cols.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>10:41 |
| S85 | 2802    | S84 S83 S82 S81 S80  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>10:41 |

| S86  | 21      | S85 and (S76 near5 S78)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01          |
|------|---------|--|---------------------------|----|----|---------------------|
| S87  | 3253372 | temperature heating heated   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>10:59 |
| S88  | 3644017 | temperature heating heated heat heater   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>11:00 |
| S89  | 7590710 | type kind material color characteristic  | US-PGPUB;<br>USPAT; USOOR | OR | ON | 2009/06/01<br>11:00 |
| 590  | 4906    | 101/35-44.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>11:05 |
| 591  | 295     | 101/31.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>11:05 |
| 592  | 140     | 101/29.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>11:05 |
| 593  | 535     | 101/27.ools.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>11:05 |
| S94  | 746     | 101/28.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>11:05 |
| S95  | 1296    | 101/32.ccls.   | US-PGPUB;<br>USPAT; USOOR | OR | ON | 2009/06/01<br>11:05 |
| S96  | 2802    | S95 S94 S93 S92 S91  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>11:05 |
| 597  | 527     | (S95 S96) and (S88 with<br>S89)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>11:06 |
| S98  | 1       | (10/826043).APP.   | USPAT; USOCR              | OR | ON | 2009/06/01<br>13:17 |
| S99  | 18      | ("20030183611"   "3311692"   "3547751"   "3584572"   "368860"   "3763850"   "4455933"   "4665303"   "45517910"   "5562796"   "5517910"   "5562796"   "6149764"   "6575089"). PN. OR ("6892633") LIPPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>13:17 |
| S100 | 2396639 | hot heat   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>13:49 |
| S101 | 2372022 | stamp stamping transfer<br>transferring transferred  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>13:49 |
| S103 | 90701   | "101"/\$.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>13:52 |
| S105 | 286821  | S100 near3 S101  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>13:52 |
| S106 | 1872    | S103 and S105  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>13:52 |
| S107 | 179     | S105 and S90   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>13:53 |
| S108 | 242     | S105 and S96   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>13:53 |
| S109 | 289     | (S107 S108) and (S88 with<br>S89)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/01<br>13:54 |

| S110 | 369   | 101/492.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2009/06/01<br>13:58 |
|------|-------|---|---------------------------|----|------|---------------------|
| S111 | 93    | S110 and (S88 with S89)   | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2009/06/01<br>13:58 |
| S112 | 44    | ("2700629"   "3215575"   "3584574"   "3686895"   "4028118"   "4207365"   "4334471"   "4207365"   "43034471"   "4758952"   "48038555"   "4973374"   "5142975"   "5152861"   "5244526"   "5247314"   "5244526"   "5247314"   "5248363"   "537066"   "55464722"   "5527407"   "5558912"   "5572624"   "558912"   "5587407"   "558912"   "5594441"   "5589202"   "5642141"   "5583564"   "611510").PN. OR ("6578476").URPN. | US-PGPUB;<br>USPAT; USOOR | OR | ON . | 2009/06/01          |
| S113 | 32    | S112 and (S88 with S89)   | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2009/06/01<br>14:13 |
| S114 | 2     | ("2706354").URPN.   | USPAT                     | OR | ON   | 2009/06/01<br>15:11 |
| S115 | 27    | ("2721821"   "3780214"   "3986396"   "405852"   "4060382"   "4088440"   "4178782"   "4198317"   "4210412"   "4318414"   "4395718"   "4399749"   "4465728"   "4558427"   "4572684"   "4587155"   "4764444"   "4820310"   "4990486"), PN. OR ("59976777), UPPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2009/06/01<br>15:56 |
| S116 | 23    | S115 and (S88 with S89)   | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2009/06/01<br>15:57 |
| S117 | 4     | Heckenthaler-Roland.in.<br>Holzapfel-Walter.in. Buhr-<br>Harald.in.   | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2009/06/02<br>12:15 |
| S118 | 10441 | pyrometer   | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2009/06/02<br>14:43 |
| S119 | 90706 | "101"/\$.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2009/06/02<br>14:43 |
| S120 | 21    | S119 and S118   | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2009/06/02<br>14:43 |
| S121 | 295   | 101/31.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2009/12/14<br>21:46 |
| S122 | 141   | 101/29.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2009/12/14<br>21:46 |
| S123 | 537   | 101/27.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2009/12/14<br>21:46 |

| S124 | 750    | 101/28.ccls.  | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2009/12/14<br>21:46 |
|------|--------|---|---------------------------------------|----|----|---------------------|
| S125 | 1304   | 101/32.cdls.  | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2009/12/14<br>21:46 |
| S126 | 2816   | S125 S124 S123 S122 S121  | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2009/12/14<br>21:46 |
| S127 | 14     | S126 and<br>@pd>="20090602"   | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2009/12/14<br>21:46 |
| S128 | 4      | Heckenthaler-Roland.in.<br>Holzapfel-Walter.in. Buhr-<br>Harald.in.   | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2009/12/14<br>22:06 |
| S129 | 161210 | preheat preheated preheater<br>preheating   | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2009/12/14<br>22:07 |
| S130 | 47633  | pre adj heat\$3   | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2009/12/14<br>22:07 |
| S131 | 38     | [US-20060266795-\$ or US-20040094050-\$, did. or (US-5888623-\$ or US-5318660-\$ or US-4409605-\$ or US-4409605-\$ or US-4409605-\$ or US-4893555-\$ or US-49080316-\$ or US-6187190-\$ or US-6187190-\$ or US-6187190-\$ or US-6187190-\$ or US-6187190-\$ or US-628790-\$ or US-628637-\$ or US-628633-\$ or US-688715-\$ or US-6482658-\$ or US-6482698-\$ or US-64826 | US-PGPUB;<br>USPAT; USCOR;<br>DERWENT | OR | ON | 2009/12/14          |
| S132 | 5      | S131 and S129   | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2009/12/14<br>22:07 |
| S133 | 2      | S131 and S130 not S132  | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2009/12/14<br>22:07 |
| S134 | 9      | ("2887051"   "3608480"  <br>"3816207"   "3960257"  <br>"4502381").PN. OR<br>("4893555").URPN.   | US-PGPUB;<br>USPAT; USOCR             | OR | ON | 2009/12/14<br>22:14 |
| S135 | 2      | ("2887051").URPN.   | USPAT                                 | OR | ON | 2009/12/14<br>23:19 |

| S136 | 1       | leyland-alan-j.in. scorgie-<br>brian-c-a.in.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/14<br>23:28 |
|------|---------|--|---------------------------|----|----|---------------------|
| S137 | 295     | 101/31.ocls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>07:37 |
| S138 | 141     | 101/29.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>07:37 |
| S139 | 537     | 101/27.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>07:37 |
| S140 | 751     | 101/28.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>07:37 |
| S141 | 1304    | 101/32.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>07:37 |
| S142 | 2817    | S141 S140 S139 S138 S137   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>07:37 |
| S143 | 237     | 101/33.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>07:41 |
| S144 | 233     | 101/34.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>07:41 |
| S145 | 653     | 101/41.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>07:41 |
| S146 | 1550    | 101/41-44.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>07:41 |
| S147 | 5090    | 156/230-241.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>07:42 |
| S148 | 549     | 101/487.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>07:43 |
| S149 | 7498    | S143 S144 S145 S146 S147<br>S148   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>07:43 |
| S150 | 161263  | preheat preheated preheater<br>preheating  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>07:44 |
| S151 | 47648   | pre adj heat\$3  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>07:44 |
| S152 | 66      | (S142 S144) and (S150<br>S151)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>07:44 |
| S153 | 2       | "2122669".рп.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>12:11 |
| S154 | 4       | ("2306256").URPN.  | USPAT                     | OR | ON | 2009/12/15<br>12:48 |
| S155 | 13      | ("1124869"   "2306256"  <br>"2776235"   "3547724"  <br>"4393576"   "4495232"  <br>"4517739"   "4889573").PN.<br>OR ("5980679").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>12:58 |
| S156 | 1       | "4495232".pn.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>15:29 |
| S157 | 3       | ivonding   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>16:25 |
| S158 | 2870177 | heat heated heater heating   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>18:27 |

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|--------|---------|----------------------------------|---------------------------|----|----|---------------------|
| S159   | 1536427 | die tool                         | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>18:27 |
| S160   | 97064   | S158 with S159                   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>18:28 |
| S161   | 641     | (S142 S149) and S160             | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>18:28 |
| S162   | 1980615 | foil transfer                    | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>18:34 |
| S163   | 428     | S161 and S162                    | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>18:34 |
| S164   | 213     | S161 not S163                    | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>18:34 |
| S165   | 3019787 | temperature                      | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>18:54 |
| S166   | 316     | S163 and S165                    | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/15<br>18:54 |
| S167   | 0       | (10/467814).APP.                 | USPAT; USOCR              | OR | ON | 2009/12/15<br>18:59 |
| S168   | 2       | ("2004/0089407").URPN.           | USPAT                     | OR | ON | 2009/12/15<br>18:59 |
| S169   | 295     | 101/31.ccls.                     | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/16<br>08:03 |
| S170   | 141     | 101/29.cols.                     | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/16<br>08:03 |
| S171   | 537     | 101/27.ccls.                     | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/16<br>08:03 |
| S172   | 751     | 101/28.ccls.                     | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/16<br>08:03 |
| S173   | 1304    | 101/32.ccls.                     | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/16<br>08:03 |
| S174   | 2817    | S173 S172 S171 S170 S169         | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/16<br>08:03 |
| S175   | 237     | 101/33.ccls.                     | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/16<br>08:03 |
| S176   | 233     | 101/34.ccls.                     | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/16<br>08:03 |
| S177   | 653     | 101/41.ccls.                     | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/16<br>08:03 |
| S178   | 1550    | 101/41-44.cdls.                  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/16<br>08:03 |
| S179   | 5090    | 156/230-241.cdls.                | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/16<br>08:03 |
| S180   | 549     | 101/487.ccls.                    | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/16<br>08:03 |
| S181   | 7498    | S175 S176 S177 S178 S179<br>S180 | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/16<br>08:03 |
| S182   | 2870177 | heat heated heater heating       | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/12/16<br>08:03 |

| S183 | 1536427 | die tool  | US-PGPUB;<br>USPAT; USOCR              | OR | ON | 2009/12/16<br>08:03          |
|------|---------|---|--|----|----|------------------------------|
| S184 | 97064   | S182 with S183  | US-PGPUB;<br>USPAT; USOCR              | OR | ON | 2009/12/16<br>08:03          |
| S185 | 641     | (S174 S181) and S184  | US-PGPUB;<br>USPAT; USOCR              | OR | ON | 2009/12/16<br>08:03          |
| S186 | 1980615 | foil transfer   | US-PGPUB;<br>USPAT; USOCR              | OR | ON | 2009/12/16<br>08:03          |
| S187 | 428     | S185 and S186   | US-PGPUB;<br>USPAT; USOCR              | OR | ON | 2009/1 <b>2</b> /16<br>08:03 |
| S188 | 3019787 | temperature   | US-PGPUB;<br>USPAT; USOCR              | OR | ON | 2009/1 <b>2</b> /16<br>08:03 |
| S189 | 316     | S187 and S188   | US-PGPUB;<br>USPAT; USOCR              | OR | ON | 2009/12/16<br>08:03          |
| S190 | 9       | ("2887051"   "3608480"  <br>"3816207"   "3960257"  <br>"4502381").PN. OR<br>("4893555").URPN.   | US-PGPUB;<br>USPAT; USOCR              | OR | ON | 2010/08/10<br>22:16          |
| S191 | 4       | ("2306256").URPN.   | USPAT                                  | OR | ON | 2010/08/10<br>22:18          |
| S192 | 167058  | preheat\$3 "pre-heat\$3" "pre<br>heat\$3"   | US-PGPUB;<br>USPAT; USOCR              | OR | ON | 2010/08/11<br>10:43          |
| S193 | 45      | [US-20060266795-\$ or US- 20040094050-\$ or US- 20040094050-\$ or US- 20040094050-\$ or US- 20040094050-\$ or US- 381717-2-\$ or US-531660-\$ or US-4409063-\$ or US- 381717-2-\$ or US-499355-\$ or US-490316-\$ or US- 6578476-\$ or US- 6578476-\$ or US- 6578476-\$ or US- 6578470-\$ or US- 647012-\$ or US-617130-\$ or US- 6487012-\$ or US-647012-\$ or US-626712-\$ or US-626715-\$ or US-6626112-\$ or US- 6817287-\$ or US- 6817287-\$ or US-6626112-\$ or US- 6815713-\$ or US- 6815713-\$ or US- 6815713-\$ or US- 6820515-\$ or US- 682055-\$ or US- 5452658-\$ or US- 545268-\$ or US- | US-PGPUB;<br>US-PAT; USCOR;<br>DERWENT | OR | ON | 2010/08/11                   |

| S194 | 8       | S192 and S193          | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2010/08/11<br>10:53 |
|------|---------|------------------------|---------------------------|----|----|---------------------|
| S195 | 0       | (10/467814).APP.       | USPAT; USOCR              | OR | ON | 2010/08/11<br>10:55 |
| S196 | 2       | ("2004/0089407").URPN. | USPAT                     | OR | ON | 2010/08/11<br>10:55 |
| S197 | 2       | "2132689".pn.          | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2010/08/11<br>11:02 |
| S198 | 1207468 | silicon silicone       | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2010/08/11<br>11:21 |
| S199 | 13      | S193 and S198          | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2010/08/11<br>11:21 |

## EAST Search History (Interference)

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